



CHEMICON International, Inc. 28835 Single Oak Drive • Temecula, CA 92590
Phone: 909-676-3080 • 800-437-7500 • Fax: 909-676-9209
custserv@chemicon.com • techserv@chemicon.com • www.chemicon.com

MOUSE ANTI-OLIGODENDROCYTE MARKER O4 MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB345

LOT NUMBER: 19060230

QUANTITY: 50 µg

SPECIFICITY: Oligodendrocyte marker O4.

IMMUNOGEN: Homogenate of white matter of corpus callosum from bovine brain.

ISOTYPE: IgM

APPLICATIONS: Immunohistochemistry: 10-20 µg/mL on unfixed, shock frozen tissue.
Immunocytochemistry: 10-20 µg/mL on cells fixed with 4% paraformaldehyde.
Note: O4 is a sulfatide which can be dissolved out of the membrane by organic solvents; acetone and methanol should not be used for fixation.
Optimal working dilutions must be determined by the end user.

SPECIES REACTIVITIES: Human, mouse and chicken.

FORMAT: Purified immunoglobulin

PRESENTATION: Lyophilized from 10 mmol/l potassium phosphate, 50 mmol/l NaCl, 5 mg/mL BSA and 0.1% Kathon CG, pH 7.5. Reconstitute with 1 mL of sterile redistilled water (50 µg/mL).

STORAGE/HANDLING: Maintain lyophilized material at +2-8° C for up to 12 months. After reconstitution maintain frozen at -20°C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles.

REFERENCES: 1) *Dev. Biol.* **83**:311-327 (1981).
2) *Dev. Biol.* **83**:328-338 (1981).
3) *Science* **5**:430-431 (1987).

For research use only; not for use as a diagnostic.